

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Hyptis suaveolens

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(E)-BETA-OCIMENE	Shoot		0.0	-0.6785097820215906	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	(E)-BETA-OCIMENE	Shoot		0.0	-0.6785097820215906	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	(Z)-BETA-OCIMENE	Shoot		3.0	-0.4338388422995102	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	(Z)-BETA-OCIMENE	Shoot		3.0	-0.4338388422995102	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	1,1,3-TRIMETHYLDECAHYDROCYCLOPROPAZULENE	Plant		140.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	1,3,3-TRIMETHYLBICYCLO{2.2.1}-HEPTAN-2-OL	Plant		80.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	1,4-DIMETHYL,1,2,3,3A,4,5,6,7-OCTAHYDROAZULENE	Plant		195.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
67	1,8-CINEOLE	Shoot		885.0	-0.12290606544238158	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
67	1,8-CINEOLE	Shoot		885.0	-0.12290606544238158	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
67	1,8-CINEOLE	Plant	130.0	4555.0	0.7168850782297921	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	2,5-DIMETHYL-3-METHYLENE-1,5-HEPTADIENE	Plant		125.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2,6-DIMETHYL-6-(4-METHYL)BICYCLO{3.1.1}-HEPT-2-ENE	Plant		110.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	3,7-DIMETHYL-1,6-OCTADIEN-3-OL	Plant		180.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	3-CYCLOHEXEN-1-CARBOXALDEHYDE	Plant		840.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	4,11,11-TRIMETHYL-8-METHYLENE-BICYCLO{7.2.0}-UNDEC-4-ENE	Plant		3320.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	4-METHYL-1-(1-METHYLETHYL)-3-CYCLOHEXEN-1-OL	Plant		260.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	5ALPHA-ANDROST-2,11-DIONE	Plant		390.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	5ALPHA-ANDROST-9(11)-EN-12-ONE	Plant		270.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	5BETA,8BETA,H-9BETA,H-10ALPHA-LAB-14-ENE	Plant		435.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	ALPHA-BERGAMOTENE	Shoot		28.0	0.3371348517185714	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-BERGAMOTENE	Shoot		8.0	-0.36522942269511943	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
3	ALPHA-CADINOL	Plant		125.0	2.2503201518139906	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	ALPHA-CARYOPHYLLENE	Plant		480.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	ALPHA-CARYOPHYLLENE-ALCOHOL	Plant		85.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-COPAENE	Shoot		1.5	-0.3304934076372329	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-COPAENE	Shoot		1.5	-0.3304934076372329	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-CYMENE	Plant		250.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	ALPHA-FENCHOL	Shoot		17.0	0.7071067811865472	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-FENCHOL	Shoot		17.0	0.7071067811865472	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-GUAIENE	Shoot		6.0	0.37139067635410333	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-GUAIENE	Shoot		6.0	0.37139067635410333	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
2	ALPHA-HUMULENE	Shoot		6.0	-0.365636151793621	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
2	ALPHA-HUMULENE	Shoot		6.0	-0.365636151793621	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ALPHA-PHELLANDRENE	Shoot		2.0	-0.30426951788587125	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
11	ALPHA-PHELLANDRENE	Shoot		2.0	-0.30426951788587125	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
11	ALPHA-PHELLANDRENE	Plant		285.0	0.8167408097904264	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
28	ALPHA-PINENE	Shoot		48.0	-0.14266137343068225	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
28	ALPHA-PINENE	Plant		215.0	-0.32932254820963897	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
28	ALPHA-PINENE	Shoot		48.0	-0.14266137343068225	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
13	ALPHA-TERPINENE	Shoot		0.0	-0.48121784426432085	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
13	ALPHA-TERPINENE	Shoot		0.0	-0.48121784426432085	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
13	ALPHA-TERPINENE	Plant		130.0	-0.30568368218942593	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
23	ALPHA-TERPINEOL	Shoot		9.0	-0.27655803771004733	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
23	ALPHA-TERPINEOL	Shoot		9.0	-0.27655803771004733	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
23	ALPHA-TERPINEOL	Plant		110.0	-0.3953179989451173	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	ALPHA-THUJENE	Shoot		21.0	-0.178253686984957	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	ALPHA-THUJENE	Shoot		21.0	-0.178253686984957	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	BETA-BOURBONENE	Shoot		15.0	-0.3045345845290352	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	BETA-BOURBONENE	Shoot		15.0	-0.3045345845290352	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	BETA-CARYOPHYLLENE	Shoot		7.0	-0.395779872282253	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	BETA-CARYOPHYLLENE	Shoot		7.0	-0.395779872282253	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
13	BETA-PINENE	Shoot		80.0	-0.11549654519669107	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	BETA-PINENE	Shoot		80.0	-0.11549654519669107	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
22	BETULINIC-ACID	Root				Jim Duke's personal files.
35	BORNEOL	Shoot		2.0	-0.3968576510930819	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
35	BORNEOL	Shoot		2.0	-0.3968576510930819	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
9	CAMPHENE	Shoot		4.0	-0.13390726711545384	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
9	CAMPHENE	Shoot		4.0	-0.13390726711545384	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
41	CAMPHOR	Shoot		12.0	-0.15683169452486825	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
41	CAMPHOR	Shoot		12.0	-0.15683169452486825	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
8	CARYOPHYLENE-OXIDE	Shoot		265.0	0.18185264903520085	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLLENE-OXIDE	Shoot		265.0	0.18185264903520085	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
8	DELTA-3-CARENE	Shoot		0.0	-0.3115189774690341	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
8	DELTA-3-CARENE	Shoot		0.0	-0.3115189774690341	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
3	ELEMENE	Plant		260.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	EO	Shoot		2500.0	-0.7216368571314856	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	EO	Plant		15000.0	0.39984481264221844	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	EO	Shoot		2500.0	-0.7216368571314856	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	FAT	Seed	143000.0	244000.0	-0.1126560933897892	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	FENCHONE	Shoot		85.0	-0.879915532163174	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
6	FENCHONE	Shoot		85.0	-0.879915532163174	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	GAMMA-TERPINENE	Shoot		10.0	-0.38742523825529607	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
11	GAMMA-TERPINENE	Shoot		10.0	-0.38742523825529607	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
11	GAMMA-TERPINENE	Plant		175.0	-0.46279038900305325	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
60	LIMONENE	Plant		390.0	-0.24611497290962095	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
0	LINALOL	Shoot		34.0	-0.21610443620995665	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	LINALOL	Shoot		34.0	-0.21610443620995665	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	LINALOL	Plant		80.0	-0.41412926214814166	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
63	MENTHOL	Plant				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
22	MYRCENE	Shoot		1.5	-0.340626730155575	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
22	MYRCENE	Shoot		1.5	-0.340626730155575	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	P-CYMENE	Shoot		90.0	-0.43005714621325963	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
16	P-CYMENE	Shoot		90.0	-0.43005714621325963	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
0	PROTEIN	Seed	188000.0	219000.0	-0.13161868318546213	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	SABINENE	Shoot		240.0	-0.04038227118444531	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
5	SABINENE	Shoot		240.0	-0.04038227118444531	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
23	TERPINEN-4-OL	Shoot		100.0	-0.12572878390858302	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
23	TERPINEN-4-OL	Shoot		100.0	-0.12572878390858302	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
9	TERPINOLENE	Shoot		6.0	-0.6325453299683369	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
9	TERPINOLENE	Shoot		6.0	-0.6325453299683369	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	THUJANE	Plant		325.0		Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
71	THYMOL	Shoot		4.0	-0.33212320362558717	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
71	THYMOL	Shoot		4.0	-0.33212320362558717	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.